RDP78T05161A001400010014-9 Approved For Release 2003/05/1 MAGERY **ALYSIS IVISION** PHOTOGRAPHIC INTELLIGENCE REPORT NAN-KOU MILITARY COMPLÉX NAN-KOU, CHINA Declass Review by NIMA/DOD 25X1 25X1 CIA/PIR 77**0**35 AUGUST 1966 DATE COPY 31 **PAGES** Approved For Release 2003/05/14: CIA-RDP78T05161A001400010014-9

COPY			COPY NO.	PUB. DATE		LOCATION	1		MASTI	ER	DATE RECEIVED	LOCATION			
			DISABBITO	ved°Fōr′Rei	ease	2003/	05/14 :	E X	K RDF	78T0	5 ጎ '6ጎ'ጟፘ0140 0 010014-	9 MAX I MUM	5		
CUT		0	DATE 1-73	CUT TO COPIES		DATE		COPI	ES DE	STROYE	ED	•			
CUT COP			DATE	CUT TO COPIES		DATE							•		
CUT			DATE	MASTER		DATE						·			
i	DATE				NUM	BER OF C	OPIES	DATE				NUME	NUMBER OF COPIES		
мо.	DAY	YR.	RECEIVED OR	ISSUED	REC*	D iss'D	BAL	MO.	DAY	YR.	RECEIVED OR ISSUED	REC*	D ISS'D	BAL	
8	12	68	Dest. Unit #	41-43,46,	5		5								
			47												
3	عجد	7/	CRS # 41			1	4								
8	8	72	CRS # 41 Dest # 42	-43,46-4	7		0	W	K	6					
											, , , , , , , , , , , , , , , , , , , ,				
				,		†									
														ļ <u>-</u>	
			Mary Francisco			 							-		
										\vdash			 		
						ļ						<u> </u>			
			- Appro	ved For Rel	eas (2003/	05/14 ·	لمرعا	RDF	78T¢	05161A001400010014-	9			
X1	. Ε	NPTC	PIR7	7035		Aug.	1966 '	SEC.		s. i	05161A001400010014- LOCATION	2494		25X1	

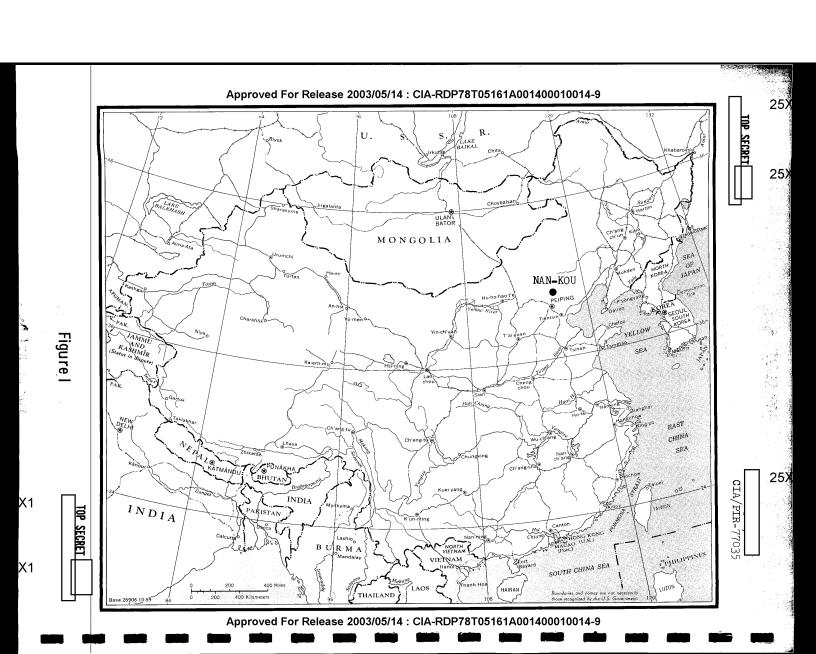
Approved For Release **200 p/05/E/CT**A-RDP78T05161A001400010014-9

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

NAN-KOU MILITARY COMPLEX NAN-KOU, CHINA 40 10N-116 09E

- 1 -



PREFACE

The scope of this report is primarily concerned with the armored military activity that is located near Nan-kou. The detailed analysis of this military complex is presented from photography of however, photography from eight different missions is used for comparative purposes, and all of the referenced photography was utilized in the overall analysis.

The Nan-kou Military Complex is located approximately 20 nm NNW of Pei-ching (Peiping) and in the immediate vicinity of Nan-kou. title "Nan-kou Military Complex" as used in this report is a general title that applies primarily to installations that are related to armored activity. Bombing Encyclopedia names are used in all instances where applicable.

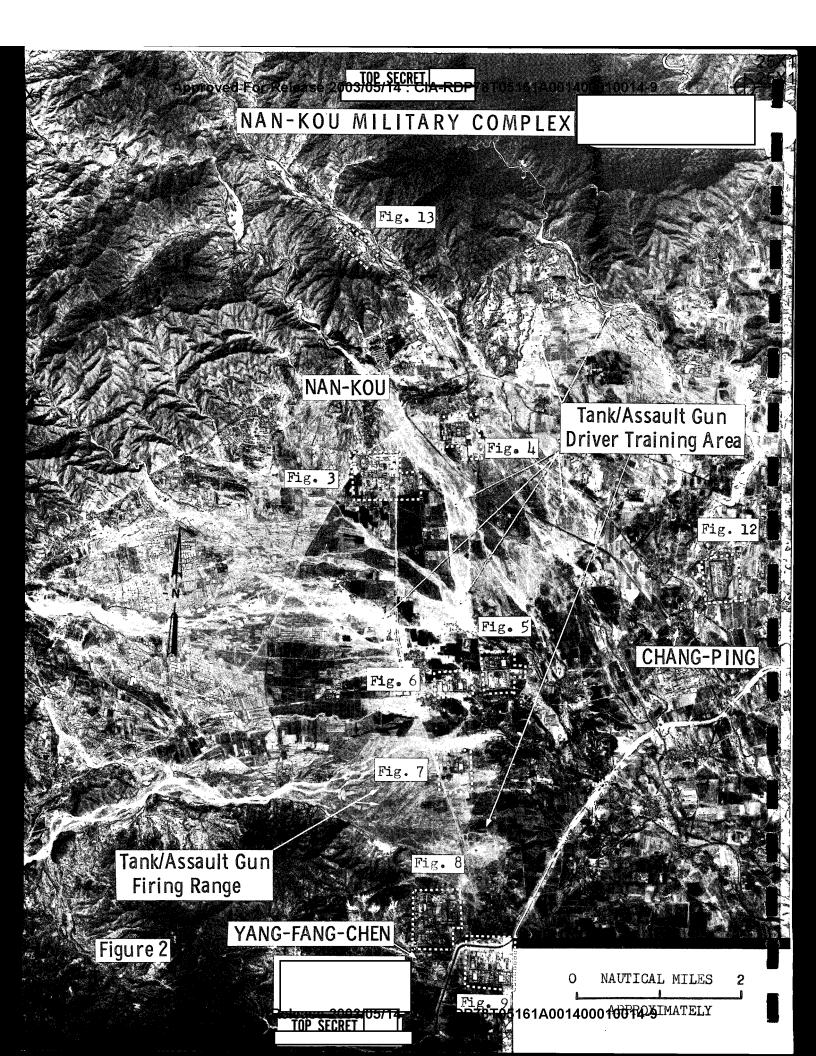
Although the installations included within this report have different name titles --- all of them, with two possible exceptions, appear to be related to armored activity. The 4th Armored Division of the Chinese Communist Army is reported to be located in the Nan-kou area (see document reference).

The probable transportation unit (Figure 13) and the storage depot (Figure 12) are included because a possible dependent relationship may exist between these installations and the armored units.

Within the Nan-kou area are several other probable military installations which were not included within the scope of this report because they did not appear to have a significant relationship to the armored activity.

Figure 2 is primarily a location aid that shows an areal relationship between the installations that are included within this report and the location of the extensive tracked vehicle driver training activity and tank/assault gun firing ranges scattered throughout the complex area.

25X1



CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

NAN-KOU MILITARY COMPLEX NAN-KOU ARMY BARRACKS AND AMMUNITION DEPOT SW 40 13N-116 07E

The Nan-kou Army Barracks and Ammunition Depot SW is located approximately 1 nm SW of Nan-kou. Significant changes have occurred at this installation since photography of	25X1 25X1
(A) Billeting Area (Figure 3)	
74 Probable barracks buildings (31 new since Probable administration buildings (one new since	25X1 25X1
4 Probable messhall buildings 1 Possible messhall building (new since 1 Auditorium building (wings added after 45 (Approximate) storage/support buildings of various sizes	25X1
1 Swimming poolempty (new since l Possible firing range l Water tower	25X1
(B) Tank/Assault Gun Maintenance Facility (Figure 3)	
This area appears to be a higher echelon maintenance facility with more sophisticated facilities for the maintenance and overhaul of heavy vehicles. The three small buildings that are marked with red dots are new since photography of	25X1
ITEM	
l. Vehicle maintenance ramps2. Vehicle maintenance building 70 X 55 ft.	
3. Vehicle maintenance building with roof monitor 185 X 70 ft.	
4. Support building (associated with No. 3)	

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

- 5. Support shed (associated with No. 3)
- 6. Vehicle maintenance ramps
- Vehicle maintenance building 140 X 45 ft. with roof monitor
- 8. Associated maintenance building 380 X 50 ft.
- Probable T-34 tank
- 10. Thru 20. Associated storage/support buildings

Tank/Assault Gun Maintenance and Storage Facility (Figure 3)

Eight new buildings have been added to this area since The building layout in this area is similar to the building layout in other tank/assault gun facilities in China.

ITEM

- 1. Probable refueling point
- 2. Vehicle maintenance ramps
- 3. Vehicle maintenance building with 90 X 45 ft. roof monitor
- Vehicle maintenance building with 155 X 50 ft. roof monitor
- 5. Support building
- 6. Possible vehicle storage building 130 X 40 ft.
- 7. Possible vehicle storage building 80 X 30 ft.
- 125 X 35 ft. 8. Possible vehicle storage building
- 9. Possible vehicle storage building 125 X 35 ft.
- 10. Support building
- 11. Probable vehicle storage building 270.X 30 ft.
- 12. Probable vehicle storage building 135 X 30 ft.
- 13. Probable vehicle storage building 125 X 35 ft.
- 14. Probable vehicle storage building 270 X 30 ft.
- 275 X 30 ft. 15. Probable vehicle storage building
- 265 X 30 ft. 16. Probable vehicle storage building
- 17. Probable vehicle storage building 265 X 30 ft.
- 18. Probable vehicle storage building 275 X 35 ft.
- 19. Probable vehicle storage building
- 120 X 25 ft. 20. Probable vehicle storage building 75 X 35 ft.
- 75 X 35 ft. 21. Probable vehicle storage building

(D) Tank/Assault Gun Subcaliber Firing Range (Figure 3)

This area contains a 100 meter firing range.

- 9 Probable T-34 tanks
- 2 Possible SU-76 assault guns

- 4 -

RDP78T05161A001400010014-9

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

(E) Explosives Storage Area (Figure 3)

This is a secured area that contains twelve dispersed explosives storage buildings and six support buildings. Two fences enclose the area.



25X1 25X1

25X1

NAN-KOU MILITARY COMPLEX NAN-KOU ARMY BARRACKS SOUTH 40 13N-116 07E

25X1

This military installation is located immediately south of Nan-kou. There are no rail facilities within the installation; however, more than adequate rail facilities are located in the city of Nan-kou (See Figure 4). The only significant change that has occurred to this installation since is the new construction activity that is photography of noted in Area "A" on Figure 4. Within areas "B" and "C" a total of 15 T-34/T-54 tanks and 3 cargo trucks were observed--they are indicated on Figure 4 by small arrows.

(A) Billeting Area (Figure 4)

The billeting area is surrounded by a wall and contains the following buildings and facilities:

- 21 Probable barracks buildings
 - 2 Probable administration buildings
- 2 Messhall buildings
- 1 Auditorium building
- 12 Storage/support buildings
- 1 Swimming pool

One new possible barracks building and foundations for two possible buildings are under construction in this area, and numerous animal pens and small sheds are scattered throughout the area.

(B) Tank/Assault Gun Storage and Maintenance Facility (Figure 4)

This area is secured by a fence and contains the following buildings and facilities:

ITEM

- 1. Probable refueling point
- 2. Vehicle maintenance ramps
- 3. Vehicle maintenance building
- 100 X 45 ft. 190 X 50 ft.
- 4. Vehicle maintenance building with roof monitor
- 5. Support building

- 6 -

Approved For Release **2009**/05**F14R** [CTA-RDP78T05161A001400010014-9

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

6.	Support	building				
7.	Vehicle	storage building	85	Χ	35	ft.
8.	Vehicle	storage building	85	X	35	ft.
9.	Vehicle	storage building	250	Χ	35	ft.
10.	Vehicle	storage building	250	Χ	35	ft.
11.	Vehicle	storage building	260			
12.	Vehicle	storage building	120	Χ	40	ft.
13.	Support	building				

(Buildings 7, 8, 9, and 10 appear to house tracked vehicles while buildings 11 and 12 may house only cargo trucks and wheeled equipment -- note road pattern and interior fencing.)

(C) Tank/Assault Gun Subcaliber Firing Range (Figure 4)

This facility consists of a subcaliber firing range with two probable moving target runs and two support buildings. Two T-34/T-54 tanks are indicated by an arrow on Figure 4.

Approved For Release 2003105512CR24-RDP78T05161A001400010014-9

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

NAN-	KOU M	TLITA	RY COMPI	ΈX
PEI-HSIAC	-YING	ARMY	BARRAC	CKS WEST
_	40 1	ON-11	6 07E	_
				1

25X1

25X1

25X1

25X1

This military installation is located approximately 3.5 nm SSE of Nan-kou (See Figures 2, 5, 6 and 7). Activity throughout this installation appears to be at a medium level. Few changes have occurred to the buildings and grounds since photography of _______ Five new buildings (new since _______ are indicated on Figures 5 and 7 by orange dots. A total of 21 T-34/T-54 tanks and 11 possible SU-76 assault guns were observed within this installation.

(A) Billeting Area (Figure 5)

- 26 Probable barracks buildings
- 3 Probable administration buildings
- 4 Probable messhall buildings
- 1 Auditorium type building
- 5 Storage/support buildings

(B) Tank/Assault Gun Storage and Maintenance Facility (Figure 5)

Little change is evident within this area since photography of A total of three cargo trucks were observed within this area on photography.

ITEM

- 1. Probable refueling point
- 2. Vehicle maintenance ramps (3 trucks on ramps)
- 3. Vehicle maintenance building with 100 X 45 ft. roof monitor
- 4. Vehicle maintenance building with $$170\ \mbox{X}\ 50\ \mbox{ft.}$$ roof monitor
- 5. Storage/support building
- 6. Storage/support building
- 7. Vehicle storage building 85 X 35 ft. 8. Vehicle storage building 85 X 35 ft.
- 9. Vehicle storage building 250 X 35 ft.
- 10. Vehicle storage building 250 X 35 ft.
- ll. Vehicle storage building 260 X 30 ft.
- 12. Vehicle storage building 120 X 40 ft.
- 13. Support building

- 8 -

(C) Tank/Assault Gun Storage and Maintenance Facility (Figure 5)

The facilities within this area are almost identical to the facilities within Area "B". The building plan and the sizes are for the purposes of analysis identical. The mensuration data presented in Area "B" can be applied to this area in the same itemized sequence. Five probable tanks are located near Item 2 -- the vehicle maintenance ramps.

(D) Tank/Assault Gun Subcaliber Firing Range (Figure 5)

This area contains an active 100 meter subcaliber firing range. Eight tanks (possible T-54s) are located on the range in Figure 5.

(E) Billeting Area (Figure 6)

- ll Probable barracks buildings
- 1 Probable administration building
- 2 Probable messhall buildings
- 4 Storage/support buildings
- 1 Water tower
- Basketball courts Auditorium type building

(F) Tank/Assault Gun Storage and Maintenance Facility (Figure 6)

The building plan of this facility is nearly identical to the facility reported in Areas "B" and "C". Slight varitions are found in building locations and sizes.

ITEM

٦	Drobabla	refueling	noint
	Propable	тепления	nothe

2. Vehicle maintenance ramps

100 X 45 ft. 3. Vehicle maintenance building with monitor roof

190 X 50 ft. 4. Vehicle maintenance building with monitor roof

5. Storage/support building

6. Storage/support building

85 X 35 ft. 7. Vehicle storage building

8. Vehicle storage building 85 X 35 ft.

250 X 35 ft. 9. Vehicle storage building

250 X 35 ft. 10. Vehicle storage building

260 X 30 ft. 11. Vehicle storage building

120 X 40 ft. 12. Vehicle storage building 13. Storage/support building

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

(G) Tank/Assault Gun Subcaliber Firing Range (Figure 6)

This area contains a 100 meter firing range and three support buildings. Six tanks (possible T-54s) and one truck are indicated by arrows on Figure 6.

Billeting Area (Figure 7) (H)

- ll Probable barracks buildings
- l Probable administration building
- 2 Probable messhall buildings
- 1 Auditorium type building
- ll Storage/support buildings
- 1 Water tower
- Basketball courts

(I) Tank/Assault Gun Storage and Maintenance Facility (Figure 7)

The arrows within this area indicate the locations of 11 possible SU-76 assault guns. The dot indicates a small addition to a maintenance building (new since

ITEM

- 1. Probable refueling point
- 2. Vehicle maintenance ramps (1 possible SU-76)
- 3. Vehicle maintenance building 100 X 45 ft. with roof monitor
- 4. Vehicle maintenance building 190 X 50 ft. with roof monitor
- 5. Support building
- 6. Support building
- 7. Vehicle storage building
- 8. Vehicle storage building
- 9. Vehicle storage building
- 10. Vehicle storage building ll. Vehicle storage building
- 12. Vehicle storage building
- 13. Support building

- 85 X 35 ft.
- 85 X 35 ft. 250 X 35 ft.
- 250 X 35 ft.
- 260 X 30 ft. 120 X 40 ft.

Probable Billeting Area (Figure 7)

Thre	e of	the	buildings	within	thi	s ar	rea	wer	e ·	const:	ructe	ed
between						indi	Lcat	ed	bу	dots).	

- 10 -

- 6 Probable barracks buildings
- 1 Probable messhall building
- 4 Storage/support buildings
- 1 Water tower
- 1 Basketball court

(K) Tank/Assault Gun Subcaliber Firing Range (Figure 7)

This area contains one range support building and a 100 meter subcaliber firing range. Two tanks (probable T-34s) are indicated by an arrow.

- 11 -

2

-

جي:





25X1

CIA/PIK-77037

CIA IMAGERY ANALYSIS DIVISION

NAN-KOU MILITARY COMPLEX YANG-FANG ARMY BARRACKS 40 07N-116 08E

25X1

The Yang-fang Army Barracks consists of two separate areas (See Figure 2) and is located approximately 6 nm south of Nan-kou and immediately north of Yang-fang-chen. The installation shown on Figure 8 appears to be a possible headquarters and billeting area. Figures 10 and 11 show an overall view of that portion of the Yang-fang Army Barracks that was not covered by photography of ______ These two Figures also show new building construction and the rapid construction of a new canal that passes near the installation. The only new construction of significance that was noted at this installation was the construction of 4 new buildings in a vehicle storage/maintenance area (See Figures 9, 10 and 11).

- (A) Billeting Area--Possible Headquarters (Figure 8)
 - 56 Probable barracks buildings
 - 5 Probable administration buildings
 - 5 Probable messhall buildings
 - 75 (approximate) storage/support buildings
 - 6 Probable cargo trucks (see arrow)

Other facilities include a water tower, swimming pool, basketball courts, athletic fields, and probable animal pens.

(B) Billeting Area (Figures 9, 10 and 11)

Within this area are four similar billeting areas which have been for the purposes of analysis combined into one large area.

- 45 Probable barracks buildings
- 4 Probable administration buildings
- 8 Probable messhall buildings
- 4 Auditorium type buildings and several small storage/support buildings

- 12 -

(C) Tank/Assault Gun Storage and Maintenance Area (Figure 9)

No significant changes are apparent within this area since photography of Trucks are the only vehicles that have been observed within this area; however, the building pattern for this area is the same as the building pattern in the previously reported tank/assault gun facilities.

ITEM

X1

- 1. Probable refueling point
- 2. Vehicle maintenance ramps
- 3. Vehicle maintenance building 100 X 45 ft. with roof monitor
- 4. Vehicle maintenance building 170 X 50 ft. with roof monitor
- 5. Support building
- 6. Support building
- 7. Vehicle storage building 85 X 35 ft. (tracked vehicles)
- 8. Vehicle storage building 85 X 35 ft. (tracked vehicles)
- 9. Vehicle storage building 250 X 35 ft. (tracked vehicles)
- 10. Vehicle storage building 250 X 35 ft. (tracked vehicles)
- 11. Vehicle storage building 260 X 30 ft. (trucks)
- 12. Vehicle maintenance ramps (one truck)
- 13. Vehicle storage building (trucks) 120 X 40 ft.
- 14. Support building

(D) Tank/Assault Gun Storage and Maintenance Area (Figure 9)

This area appears to have a lower level of activity than other similar areas that are included within this report. The traffic pattern within the area seems to vary somewhat from the other tank/assault gun facilities. A functional modification of the area may have taken place.

- 13 -

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

ITEM

	Probable refueling point Vehicle maintenance ramps				
	Vehicle maintenance building	100	X	45	ft.
J -	with roof monitor				
4.	Vehicle maintenance building	170	X	50	ft.
	with roof monitor				
5.	Support building				
6.	Support building	0			
7.	Vehicle storage building	85	X	35	ft.
	(tracked vehicles)	_			
8.	Vehicle storage building	85	X	35	ft.
	(tracked vehicles)				
9.	Vehicle storage building	250	X	35	ft.
	(tracked vehicles)				
10.	Vehicle storage building	250	X	35	ft.
	(tracked vehicles)				
11.	Vehicle maintenance ramps				
12.	Vehicle storage building (trucks)	260	Χ	30	ft.
13.	Vehicle storage building (trucks)	120	X	40	ft.

Vehicle Storage and Maintenance Area (Figure 9)

14. Support building

Some variations are noted within this area when compared to the tank/assault gun storage and maintenance areas that are included within this report. This area is possibly only utilized by wheeled vehicles. One building (indicated by dot) is new since photography of

ITEM

1.	Probable refueling point Probable vehicle maintenance	190 X 45 ft.
	building	
3.	Probable vehicle maintenance	85 X 40 ft.
	building	
4.	Possible vehicle storage	165 X 50 ft.
	building	
5.	Support building	•.
6.	Support building	
7.	Probable vehicle storage	85 X 40 ft.
	building	

- 14 -

25X²

0111/1111

CIA IMAGERY ANALYSIS DIVISION

8.	Probable vehicle storage building	85 X 25 ft.
9.	Vehicle storage building	250 X 35 ft.
10.	Vehicle storage building	250 X 35 ft.
11.	10 Probable cargo trucks	
12.	Vehicle storage building	260 X 30 ft.
13.	Vehicle storage building	230 X 30 ft.
	(new since	,
14.	Possible vehicle storage building	120 X 40 ft.

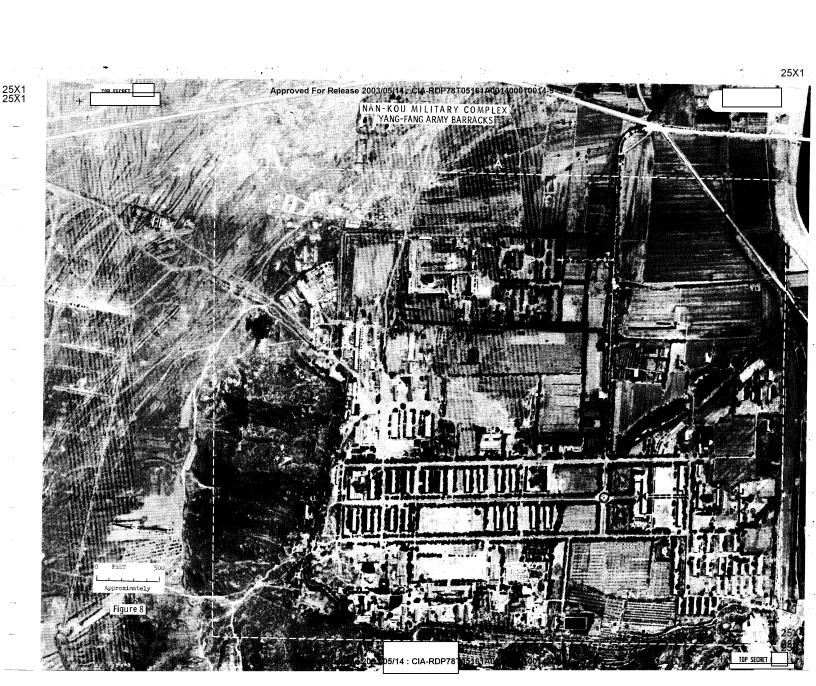
15. Support building

X1

X1

(F) Vehicle Storage and Maintenance Area (Figures 9, 10, and 11)

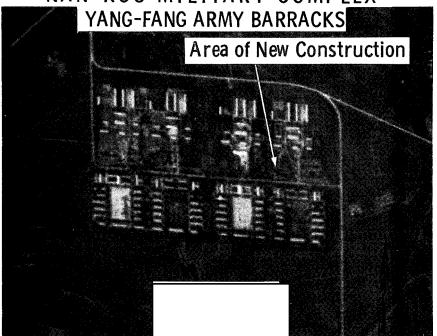
Mensuration data for buildings within this area is not presented due to the lack of good quality photography. Five new buildings (See dots Figure 9) were constructed since photography _______ This area, with the exception of the new buildings, is very similar to the tank/assault gun areas that are reported in other sections of this report.

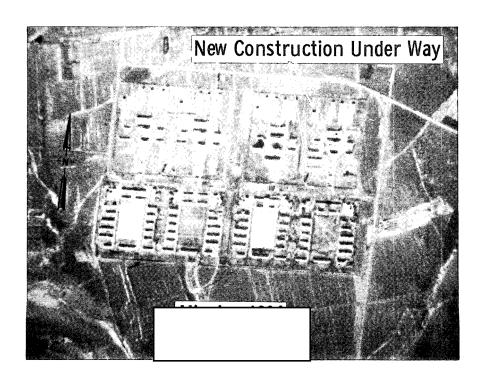




Approved For Release 2003/05/14 : CIA-RDP78T05161A001400010014-9 CIA/PIR-77035

NAN-KOU MILITARY COMPLEX

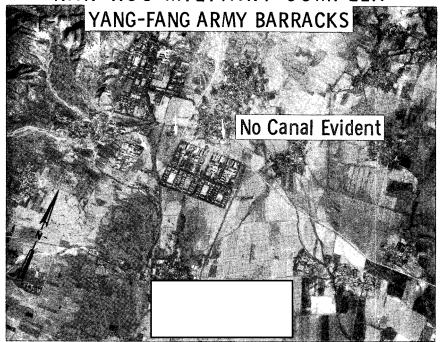




25X1

Approved For Release 2003/05/14 : CIA-RDP78T05161A00140001004449/PIR-77035

NAN-KOU MILITARY COMPLEX



25X1

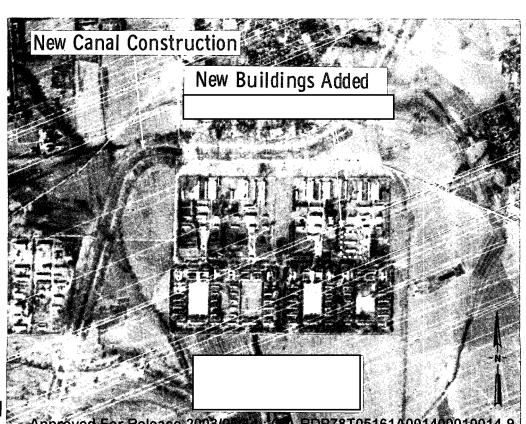


Figure II

Approved For Release 2003/00/14: JA RDP78T05161A001400010014-9

25X1

25X1 25X1

TOP SECRET

25X1

Approved For Release 2008/05E4RETA-RDP78T05161A001400010014-

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

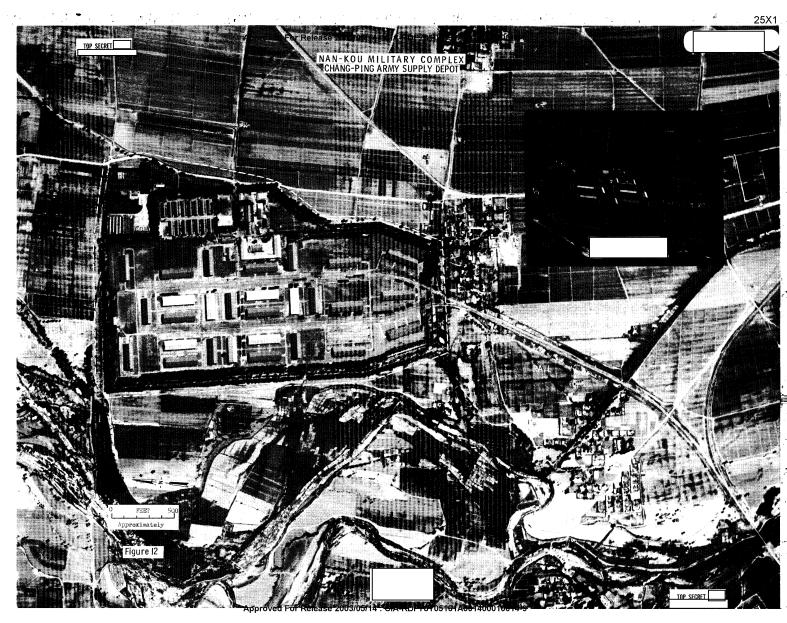
NAN-KOU MILITARY COMPLEX CHANG-PING ARMY SUPPLY DEPOT 40 12N-116 11E

This rail served supply depot is located approximately 4 nm SE of Nan-kou and immediately to the NE of Chang-ping (See Figure 2). The proximity of this installation to the armored installations that are included within this report indicates that a relationship probably exists. Comparative photography of indicates that no significant change has occurred within this area. The entire installation is secured by two fences. Five rail cars and a crane are indicated on Figure 12 by arrows. Several large packing crates/stacks of material were observed adjacent to the rail spurs within the installation.

28 Storage buildings

- 16@ 260 X 80 ft. 12@ 200 X 80 ft.
- 15 Probable barracks buildings
- 3 Probable administration buildings
- 12 Support buildings

- 16 -



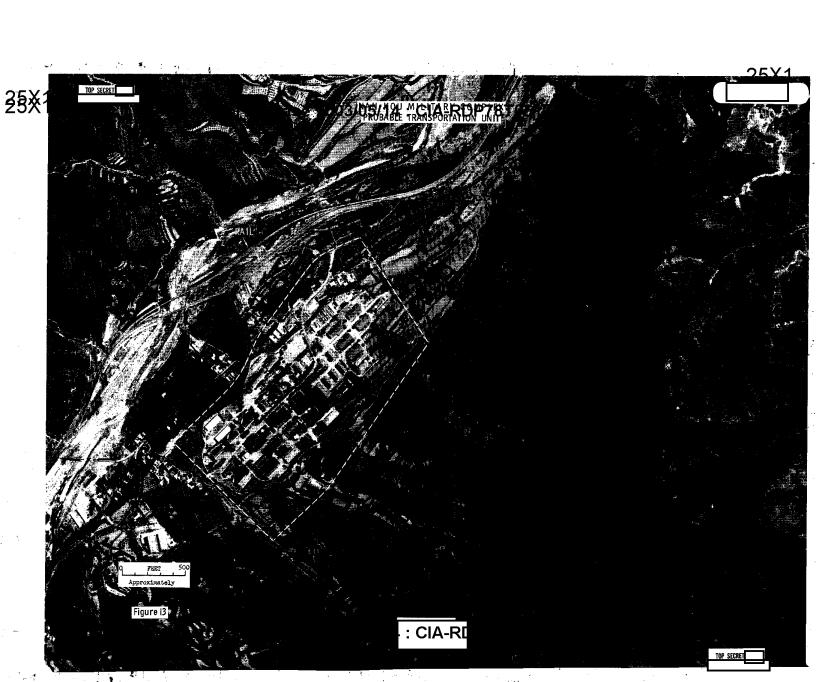
Approved For Release 200005/14 PCHA-RDP78T05161A001400010014-

CIA/PIR-77035

CIA IMAGERY ANALYSIS DIVISION

NAN-KOU MILITARY COMPLEX PROBABLE TRANSPORTATION UNIT 40 17N-116 04E

This probable transportation unit is located approximately 4 nm NW of Nan-kou. The buildings that are marked with dots are new since photo-Approximately 100 cargo trucks were observed on graphy of (See arrows Figure 13). Camera obliquity perphotography of cludes a reliable measurement of the buildings within this area.



Approved For Release 2903/05/24 REIA 25X1 RDP78T05161A001400010014-9 CIA/PIR-77035 CIA IMAGERY ANALYSIS DIVISION REFERENCE 25X² MAPS OR CHARTS AMS Series L542, NK50-11, January 1960 (UNCLASSIFIED) DOCUMENTS DIA, Order of Battle, Chinese Communist Army, AR 1-220-1-2-66 Int., 1 April 1966 (SECRET). DIA, Bombing Encyclopedia, Volume 1, AP-1-560-2-66 Int., May 1966 (SECRET 25X REQUIREMENT C-RR6-83,729 CIA/IAD PROJECT 31404-6 - 18 -25X²

Approved For Release 200705/16 REIA-RDP78T05161A001400010014-9

Approved For Release **10016**5/1 **SECRET** 8T05161A001400010014-9